

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Magnetic tape comprising at least one servo track ~~that includes servo data, comprised of at least two portions each having~~ comprising at least one slanted magnetic transition, the at least one slanted magnetic transition comprising a series of short segmented vertical and horizontal segments, the horizontal segment being much smaller than a width of a write gap of the servo track.
2. (Currently Amended) The magnetic tape of claim 1, further comprising a second slanted magnetic transition that is a mirror image of the at least one slanted magnetic transition a ~~wherein the two portions are mirror images of each other.~~
3. (Canceled)
4. (Currently Amended) The magnetic tape of claim 1, wherein the horizontal segments ~~of the write gap is~~ are much smaller than the vertical segments ~~of the write gap.~~
5. (Canceled)
6. (Currently Amended) Magnetic tape comprising at least one timing-based servo track ~~that includes servo data comprising at least one magnetic transition, the at least one magnetic transition comprising, that includes~~ vertical segments written ~~only~~ in a staggered pattern, ~~and a terminated portion of a write gap segment being larger than remaining of the write gap segment.~~
7. (Currently Amended) The magnetic tape of claim 6, further comprising a second magnetic transition comprising a second series of vertical segments written in a staggered pattern, wherein the second series of vertical segments in the staggered pattern of the second magnetic transition are mirror images of each other the vertical segments in the staggered pattern of the at least one magnetic transition.

8-14. (Canceled)

15. (Currently Amended) An apparatus for use in writing servo data, comprising:
a servowriting head;
a magnetic film disposed on the head; and
one or more write gaps created in the magnetic film, each having a slanted pattern,
wherein the slanted ~~portions~~ pattern of said one or more write gaps ~~are synthesized by~~ comprises
a series of ~~short segmented~~ vertical and horizontal segments, the horizontal segments of the write
gaps being much smaller than a width of the corresponding write gaps.

16. (Original) The apparatus of claim 15, wherein the write gaps are terminated with circular
openings.

17. (Original) The apparatus of claim 15, wherein the horizontal segments of the write gaps
are much smaller than the vertical segments of the write gaps.

18. (Canceled)

19. (Currently Amended) An apparatus for use in writing servo data, comprising:
a servowriting head;
a magnetic film disposed on the head; and
~~two or more at least one slanted write gaps pattern~~ created in the magnetic film, wherein
said at least one slanted write gaps pattern comprises two or more write gap segments ~~are~~
arranged in a segmented pattern, and a terminated portion of the write gap segments being larger
than a nonterminating portion ~~remaining~~ of the write gap segments.

20. (Original) The apparatus of claim 19, wherein the write gap segments are terminated
with circular openings.

21. (Canceled)

22. (Currently Amended) A method of writing servo data on a servo track, comprising writing said data with write gaps, ~~wherein the slanted portions~~ each of said write gaps are ~~synthesized by~~ having a slanted pattern which comprises a series of ~~short-segmented~~ vertical and horizontal segments, the horizontal segments of the write gaps being much smaller than a width of the corresponding write gaps.

23. (Original) The method of claim 22, wherein the write gaps are terminated with circular openings.

24. (Currently Amended) Media made for use in writing servo data ~~in~~ by a servowriting head, comprising at least one timing-based servo track, comprising at least one magnetic transition, the at least one magnetic transition that includes including vertical segments written ~~only in a staggered pattern, and a terminated portion of a write gap segment being larger than remaining of the write gap segment.~~

25. (Currently Amended) The media of claim 24, further comprising a second magnetic transition comprising a second series of vertical segments written in a staggered pattern, wherein the second series of vertical segments in the staggered pattern of the second magnetic transition are mirror images of ~~each other~~ the vertical segments in the staggered pattern of the at least one magnetic transition.

26. (Canceled)